

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	SERIAL NO.
	GP091-02.UT	09/121,239
	APPLICANT	
	FILING DATE	GROUP
	July 23, 1998	to be assigned 1635

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
mmg	4	5	9	9	3	0	5	7/8/86	Witte et al.	435	7.23	
mmg	4	6	8	1	8	4	0	7/21/87	Stephenson et al.	435	6	
mmg	4	6	8	3	1	9	5	7/28/87	Mullis et al.	435	6	
mmg	4	7	1	0	4	6	5	12/1/87	Weissman et al.	435	6	
mmg	4	8	7	4	8	5	3	10/17/89	Rossi	536	243	
mmg	4	9	9	9	2	9	0	3/12/91	Lee	435	6	
mmg	5	0	2	4	9	3	4	6/18/91	Lee	435	6	
mmg	5	0	5	7	4	1	0	10/15/91	Kawasaki et al.	435	6	
mmg	5	1	1	2	7	3	4	5/12/92	Kramer et al.	435	6	
mmg	5	1	4	9	6	2	8	9/22/92	Croce	435	6	
mmg	5	1	9	8	3	3	8	3/30/93	Croce	435	6	
mmg	5	2	0	2	4	2	9	4/13/93	Tsujimoto et al.	536	23.5	
mmg	5	2	4	2	7	9	5	9/7/93	Croco	435	6	
mmg	5	3	6	9	0	0	8	11/29/94	Arlinghaus et al.	435	7.23	
mmg	5	3	9	9	4	9	1	3/21/95	Kacian et al.	435	91.21	
mmg	5	4	5	9	2	5	1	10/17/95	Tsujimoto et al.	536	23.5	
mmg	5	4	8	0	7	8	4	1/2/96	Kacian et al.	435	91.21	
mmg	5	4	8	7	9	7	0	1/30/96	Rowley et al.	435	6	
mmg	5	5	2	9	9	2	5	6/25/96	Morris et al.	435	252.3	
mmg	5	5	3	8	8	4	6	7/23/96	Meeker	435	6	
mmg	5	5	3	8	8	6	9	7/23/96	Siciliano et al.	435	91.2	
mmg	5	5	4	7	8	3	8	8/20/96	Nisson et al.	435	6	
mmg	5	5	6	7	5	8	6	10/22/96	Croce	435	6	
mmg	5	5	8	0	7	2	7	12/3/96	Ohki et al.	435	6	
mmg	5	6	3	3	1	3	5	5/27/97	Croce et al.	435	6	
mmg	5	6	4	3	7	3	0	7/1/97	Banker et al.	435	6	
mmg	5	6	5	0	2	7	8	7/22/97	Barr et al.	435	6	
mmg	5	6	6	3	3	1	9	9/2/97	Bittner et al.	536	24.3	

EXAMINER	Melissa Schmitt	DATE CONSIDERED	7/30/99
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	SERIAL NO.
	GP091-02.UT	09/121,239
	APPLICANT	
	Harvey et al.	
	FILING DATE	GROUP
	July 23, 1998	to be assigned 1635

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
mmg	5	7	3	1	1	5	3	3/24/98	Lucas et al.	435	6		
mmg	5	7	5	6	6	9	6	5/26/98	Gray et al.	536	23.1		

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
mmg		0	1	8	1	6	3	5	5/21/86	EPO				
mmg		0	3	6	4	9	5	3	4/25/90	EPO				
mmg		8	8	0	8	0	3	6	10/20/88	PCT				
mmg		8	9	0	3	6	7	5	5/5/89	PCT				
mmg		8	9	0	4	3	7	3	5/18/89	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
mmg	Bakhshi et al., "Mechanism of the t(14;18) chromosomal translocation: Structural analysis of both derivative 14 and 18 reciprocal partners", <i>Proc. Natl. Acad. Sci. USA</i> , 84:2396-2400 (1987)
mmg	Bakhshi et al., "Cloning the Chromosomal Breakpoint of t(14;18) Human Lymphomas: Clustering around J _H on Chromosome 14 and near a Transcriptional Unit on 18", <i>Cell</i> , 41:899-906 (1985)
mmg	Barr et al., "Localization of the Rhabdomyosarcoma t(2;13) Breakpoint on a Physical Map of Chromosome 13", <i>Genomics</i> , 11:941-947 (1991)
mmg	Chen et al., "Breakpoint Clustering in t(4;11) (q21;q23) Acute Leukemia", <i>Blood</i> , 78(10):2498-2504 (1991)
mmg	Cleary et al., "Nucleotide sequence of a t(14;18) chromosomal breakpoint in follicular lymphoma and demonstration of a breakpoint-cluster region near a transcriptionally active locus on chromosome 18", <i>Proc. Natl. Acad. Sci. USA</i> , 82:7439-7443 (1985)
mmg	Cleary et al., "Cloning and Structural Analysis of cDNAs for bcl-2 and a Hybrid bcl-2/Immunoglobulin Transcript Resulting from the t(14;18) Translocation", <i>Cell</i> , 47:19-28 (1986)
mmg	Crescenzi et al., "Thermostable DNA polymerase chain amplification of t(14;18) chromosome breakpoints and detection of minimal residual disease", <i>Proc. Natl. Acad. Sci. USA</i> , 85:4869-4873 (1988)
mmg	Domer et al., "Acute mixed-lineage leukemia t(4;11) (q21;q23) generates an MLL-AF4 fusion product", <i>Proc. Natl. Acad. Sci. USA</i> , 90:7884-7888 (1993)
mmg	Groffen et al., "Philadelphia Chromosomal Breakpoints Are Clustered within a Limited Region, bcr, on Chromosome 22", <i>Cell</i> , 36:93-99 (1984)
mmg	Gu et al., "Sequence Analysis of the Breakpoint Cluster Region in the ALL-1 Gene Involved in Acute Leukemia", <i>Cancer Research</i> , 54:2327-2330 (1994)

EXAMINER	DATE CONSIDERED
Melissa Schmidt	4/30/99

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	SERIAL NO.
	GP091-02.UT	09/121,239
	APPLICANT	
	Harvey et al.	
	FILING DATE	GROUP
	July 23, 1998	1435 to be assigned

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
mmf	Hermans et al., "Unique Fusion of bcr and c-abl Genes in Philadelphia Chromosome Positive Acute Lymphoblastic Leukemia", <i>Cell</i> , 51:33-40 (1987)
mmf	Kakizuka et al., "Chromosomal Translocation t(15;17) in Human Acute Promyelocytic Leukemia Fuses RAR α with a Novel Putative Transcription Factor, PML", <i>Cell</i> , 66:663-674 (1991)
mmf	Kamps et al., "A New Homeobox Gene Contributes the DNA Binding Domain of the t(1;19) Translocation Protein in Pre-B ALL", <i>Cell</i> , 60:547-555 (1990)
mmf	Kawasaki et al., "Diagnosis of chronic myeloid and acute lymphocytic leukemias by detection of leukemia-specific mRNA sequences amplified in vitro", <i>Proc. Natl. Acad. Sci USA</i> , 85:5698-5702 (1988)
mmf	Lund et al., "Assessment of methods for covalent binding of nucleic acids to magnetic beads, Dynabeads™, and the characteristics of the bound nucleic acids in hybridization reactions", <i>Nucleic Acids Research</i> , 16(22):10861-10880 (1988)
mmf	Mellentin et al., "The Gene for Enhancer Binding Proteins E12/E47 Lies at the t(1;19) Breakpoint in Acute Leukemias", <i>Science</i> , 246:379-382 (1989)
mmf	Mitelman et al., "Report of the committee on chromosome changes in neoplasia", <i>Cytogenet Cell Genet</i> , 55:358-386 (1990)
mmf	Nakamura et al., "Genes on chromosomes 4, 9, and 19 involved in 11q23 abnormalities in acute leukemia share sequence homology and/or common motifs", <i>Proc. Natl. Acad. Sci USA</i> , 90:4631-4635 (1993)
mmf	Nourse et al., "Chromosomal Translocation t(1;19) Results In Synthesis of a Homeobox Fusion mRNA That Codes for a Potential Chimeric Transcription Factor", <i>Cell</i> , 60:535-545 (1990)
mmf	Persing et al., <i>In Vitro Nucleic Acid Amplification Techniques</i> , <i>Diagnostic Molecular Microbiology: Principles and Applications</i> , (American Society for Microbiology - WA D.C.), Chpt. 3, pgs. 51-87
mmf	Sacchi et al., "Hu-ets-1 and Hu-ets-2 Genes Are Transposed in Acute Leukemias with (4;11) and (8;21) Translocations", <i>Science</i> , 231:379-382 (1986)
mmf	Sawyers et al., "Molecular relapse in chronic myelogenous leukemia patients after bone marrow transplantation detected by polymerase chain reaction", <i>Proc. Natl. Acad. Sci USA</i> , 87:563-567 (1990)
mmf	Selleri, et al., "Molecular localization of the t(11;22) (q24;q12) translocation of Ewing sarcoma by chromosomal in situ suppression hybridization", <i>Proc. Natl. Acad. Sci USA</i> , 88:887-891 (1991)
mmf	Shtivelman et al., "Fused transcript of abl and bcr genes in chronic myelogenous leukaemia", <i>Nature</i> , 315:550-554 (1985)
mmf	Sooknanan et al., "Detection and direct sequence identification of BCR-ABL mRNA in Ph ⁺ chronic myeloid leukemia", <i>Experimental Hematology</i> , 21:1719-1724 (1993)
mmf	Tkachuk et al., "Detection of bcr-abl Fusion in Chronic Myelogeneous Leukemia by in Situ Hybridization", <i>Science</i> , 250:559-562 (1990)

EXAMINER	<i>Melissa Schinvels</i>	DATE CONSIDERED	<i>7/30/99</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	SERIAL NO.
	GP091-02.UT	09/121,239
	APPLICANT	
	Harvey et al.	
	FILING DATE	GROUP
	July 23, 1998	to be assigned 1635

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
mmS	Tsujimoto et al., "Molecular Cloning of the Chromosomal Breakpoint of B-Cell Lymphomas and Leukemias with the t(11;14) Chromosome Translocation", <i>Science</i> , 224:1403-1406 (1984)
mmS	von Lindern et al., "The Translocation (6;9), Associated with a Specific Subtype of Acute Myeloid Leukemia, Results in the Fusion of Two Genes, <i>dek</i> and <i>can</i> , and the Expression of a Chimeric, Leukemia-Specific <i>dek-can</i> mRNA", <i>Molecular and Cellular Biology</i> , 12(4):1687-1697 (1992)
mmS	Walker et al., "Isothermal in vitro amplification of DNA by a restriction enzyme/DNA polymerase system", <i>Proc. Natl. Acad. Sci USA</i> , 89:392-396 (1992)
mmS	Ziemin-van der Poel et al., "Identification of a gene, <i>MLL</i> , that spans the breakpoint in 11q23 translocations associated with human leukemias", <i>Proc. Natl. Acad. Sci. USA</i> , 88:10735-10739 (1991)

EXAMINER <i>Melissa Salmons</i>	DATE CONSIDERED <i>7/30/99</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO.	SERIAL NO.
	GP091-02.UT	09/121,239
	APPLICANT	
	Harvey, et al.	
	FILING DATE	GROUP
	7/23/98	to be assigned

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MMS	5	0	8	5	9	8	3	2/4/92	Scanlon	435	6		

FOREIGN PATENT DOCUMENTS										
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
						YES	NO			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
MMS	Burnett, et al., "Molecular Analysis of a t(11;14)(q23;q11) From a Patient With Null-Cell Acute Lymphoblastic Leukemia", <i>Genes, Chromosomes & Cancer</i> , 7:38-46 (1993)
MMS	Sarris, et al., "Genomic DNA Amplification and the Detection of t(2;5)(p23;q35) in Lymphoid Neoplasms", <i>Leukemia and Lymphoma</i> , 29:507-514 (1998)

EXAMINER <i>Melissa Schmidt</i>	DATE CONSIDERED <i>7/30/99</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	